



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
2107.1090000/TUM/RPG
FIRST NAMED INVENTOR
Hagelstein et al.
FILING DATE
January 6, 2004

APPLICATION NO.
10/751,507
ART UNIT
1732

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>WHA</i>	AA1	US 3,812,323	May 21, 1974	Pink	—	—	
	AB1	US 3,843,295	Oct. 22, 1974	Greenberg et al.	—	—	
	AC1	US 4,344,750	Aug. 17, 1982	Gellert	—	—	
	AD1	US 4,370,115	Jan. 25, 1983	Miura	—	—	
	AE1	US 4,557,685	Dec. 10, 1985	Gellert	—	—	
	AF1	US 4,818,217	Apr. 4, 1989	Schmidt et al.	—	—	
	AG1	US 4,836,766	Jun. 6, 1989	Gellert	—	—	
	AH1	US 4,875,848	Oct. 24, 1989	Gellert	—	—	
	AI1	US 4,892,474	Jan. 9, 1990	Gellert	—	—	
	AJ1	US 4,899,288	Feb. 6, 1990	Tsutsumi	—	—	
	AK1	US 4,981,431	Jan. 1, 1991	Schmidt	—	—	
	AL1	US 5,046,942	Sep. 10, 1991	Gellert	—	—	
	AM1	US 5,061,174	Oct. 29, 1991	Gellert	—	—	
	AN1	US 5,125,827	Jun. 30, 1992	Gellert	—	—	
	AO1	US 5,135,377	Aug. 4, 1992	Gellert	—	—	
	AP1	US 5,225,211	Jul. 6, 1993	Imaida et al.	—	—	
	AQ1	US 5,268,184	Dec. 7, 1993	Gellert	—	—	
	AR1	US 5,299,928	Apr. 5, 1994	Gellert	—	—	
	AS1	US 5,421,716	Jun. 6, 1995	Gellert	—	—	
	AT1	US 5,494,433	Feb. 27, 1996	Gellert	—	—	
	AU1	US 5,507,637	Apr. 16, 1996	Schad et al.	—	—	
	AV1	US 5,518,389	May 21, 1996	Nonomura et al.	—	—	
	AW1	US 5,536,165	Jul. 16, 1996	Gellert	—	—	
	AX1	US 5,591,465	Jan. 1, 1997	Babin	—	—	
	AY1	US 5,609,893	Mar. 11, 1997	Eastwood	—	—	
	AZ1	US 5,820,899	Oct. 13, 1998	Gellert et al.	—	—	
	BA1	US 5,871,786	Feb. 16, 1999	Hume et al.	—	—	
	BB1	US 5,879,727	Mar. 9, 1999	Puri	—	—	
	BC1	US 5,952,016	Sep. 14, 1999	Gellert	—	—	
	BD1	US 6,095,790	Aug. 1, 2000	Gellert et al.	—	—	
	BE1	US 6,230,384	May 15, 2001	Gellert et al.	—	—	
<i>WHA</i>	BF1	US 6,305,923	Oct. 23, 2001	Godwin et al.	—	—	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

SEP 07 2004

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TW	AA2	US 6,712,597	Mar. 30, 2004	Van Boeckel			
	AB2	US 2004/0005380 A1	Jan. 8, 2004	Babin et al.			
	AC2	US 60/460,417	Filed Apr. 7, 2003	Olaru			
	AD2	US 60/460,418	Filed Apr. 7, 2003	Sicilia et al.			
	AE2	US 60/468,973	Filed May 9, 2003	Olaru			
	AF2	US 60/559,977	Filed Apr. 7, 2004	Fischer et al.			
	AG2	US 10/819,165	Filed Apr. 7, 2004	Sicilia et al.			
	AH2	US 60/559,976	Filed Apr. 7, 2004	Tabassi			
TW	AI2	US 0/819,267	Filed Apr. 7, 2004	Olaru			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
TW	BA2	DE 4005437 C2	May 21, 1992	Reinl			X Yes No
TW	BB2	DE 4404894 C1	Jan. 5, 1995	Reinl			X Yes No
TW	BC2	EP 0443203 B1	Aug. 31, 1994	Reinl			X Yes No
TW	BD2	WO 01/15884 A2	Mar. 8, 2001	Van Boeckel et al.			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TW	CA	2	Mold Hot Runner Solutions Product Information entitled "Automotive Hotrunners," Mold Hot Runner Solutions, Inc., July 2002				
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

Injection Molding Apparatus Having an Elongated Nozzle
Incorporating Multiple Nozzle Bodies in Tandem

Application Number : 10/751507
Confirmation Number: 3356
First Named Applicant: Hans Hagelstein
Attorney Docket Number: 2107.1090000
Art Unit: 1722
Examiner:
Search string: (5051086).pn



US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<i>init</i>	1	5051086	1991-09-24	Gellert	<i>—</i>	<i>—</i>	

Remarks

Note: Remarks are not for responding to an office action.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Signature

Examiner Name	Date
<i>Jim Haggelstein</i>	<i>2-8-06</i>